

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062717.D
 Acq On : 13 Jan 2025 15:09
 Operator : MD/SY
 Sample : Q1059-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z0

Quant Time: Jan 13 19:03:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

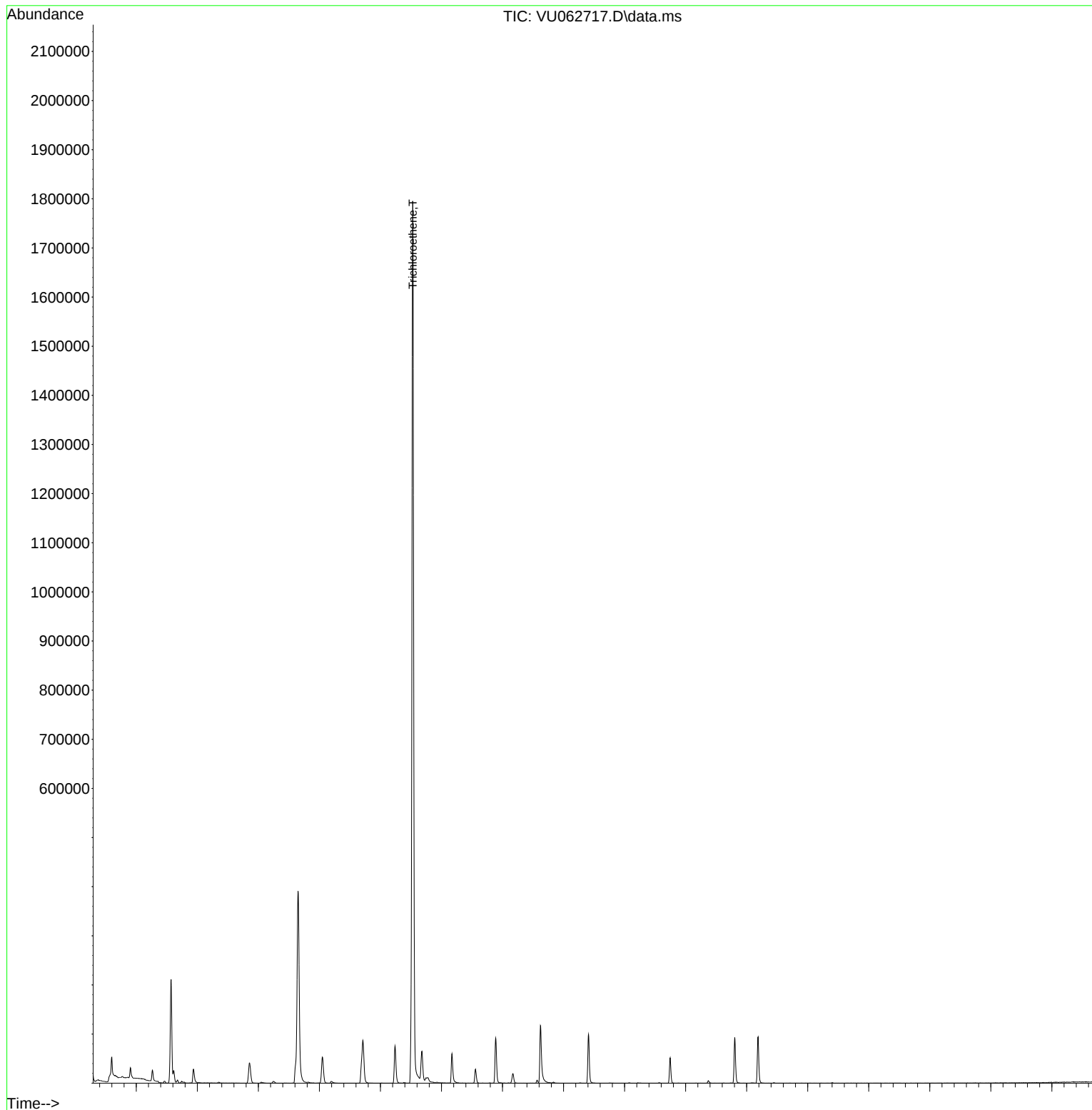
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	62656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	56627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	26473	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	14685	4.232	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.905	69	14390	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.557	65	6645	3.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.609	46	47371	66.792	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.580%#
24) Chloroform-d	5.049	84	51221	5.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.000%
26) 1,2-Dichloroethane-d4	5.689	65	32219	6.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	139.200%#
32) Benzene-d6	5.715	84	79978	5.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.600%
36) 1,2-Dichloropropane-d6	6.679	67	25816	6.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	134.600%
41) Toluene-d8	7.888	98	63893	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.171	79	11639	6.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	121.600%
46) 2-Hexanone-d5	8.621	63	40034	66.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.080%#
56) 1,1,2,2-Tetrachloroeth...	10.747	84	23728	7.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	147.600%#
66) 1,2-Dichlorobenzene-d4	12.187	152	26658	6.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.000%#
Target Compounds						
5) Vinyl chloride	1.599	62	11922	2.643	ug/L #	1
8) Chloroethane	1.924	64	2404	0.887	ug/L #	63
12) 1,1-Dichloroethene	2.570	96	66495	17.096	ug/L #	80
13) Acetone	2.615	43	26711	47.542	ug/L	99
15) Methyl Acetate	2.937	43	32389	26.625	ug/L	99
19) 1,1-Dichloroethane	3.856	63	47840	6.421	ug/L	99
21) 2-Butanone	4.695	43	16374	21.883	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	212576	46.844	ug/L	97
34) Trichloroethene	6.528	95	601700	108.263	ug/L	98

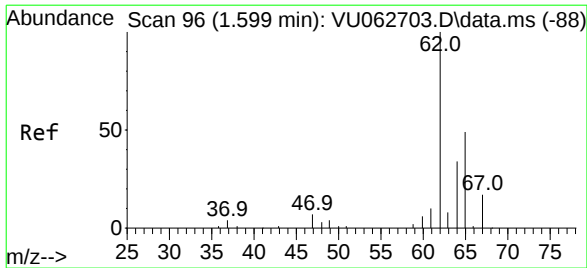
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
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Quant Time: Jan 13 19:03:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 13 18:58:58 2025
Response via : Initial Calibration

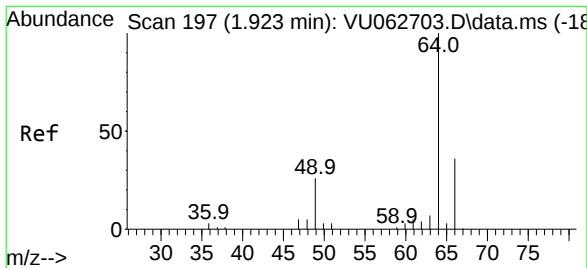
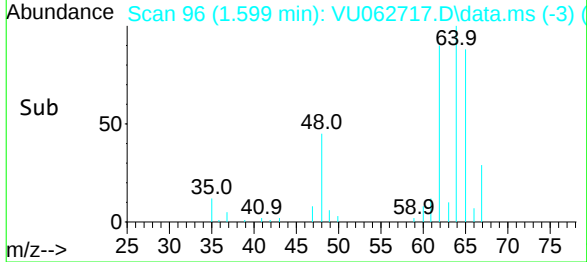
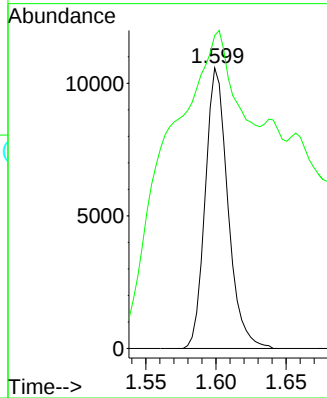
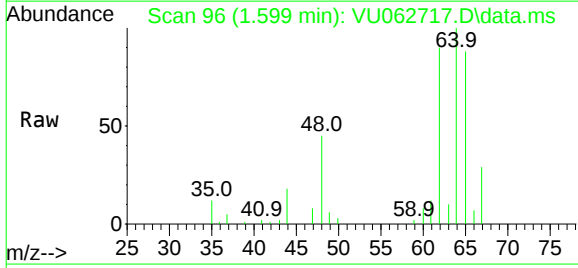




#5
 Vinyl chloride
 Concen: 2.643 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062717.D
 Acq: 13 Jan 2025 15:09

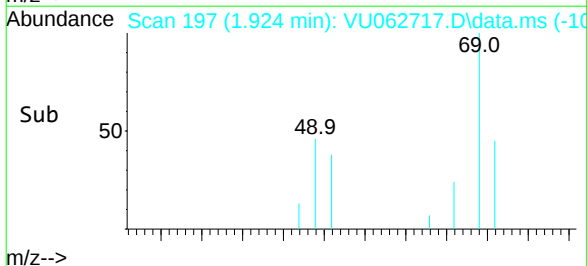
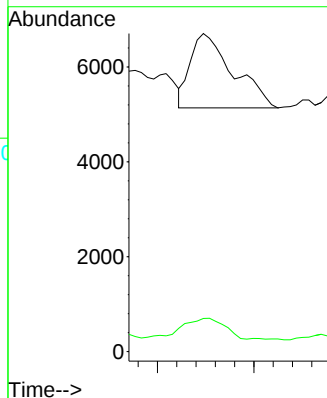
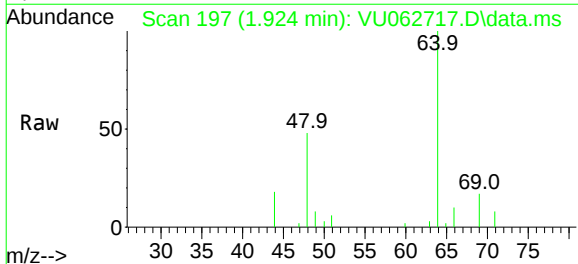
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z0

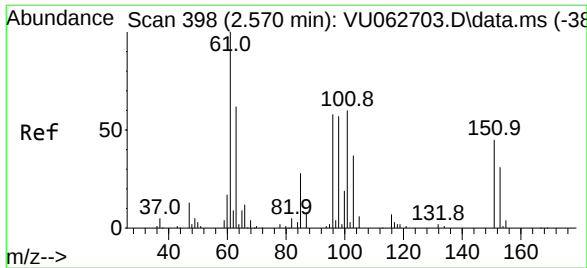
Tgt Ion: 62 Resp: 11922
 Ion Ratio Lower Upper
 62 100
 64 111.5 23.4 43.4#



#8
 Chloroethane
 Concen: 0.887 ug/L
 RT: 1.924 min Scan# 197
 Delta R.T. 0.000 min
 Lab File: VU062717.D
 Acq: 13 Jan 2025 15:09

Tgt Ion: 64 Resp: 2404
 Ion Ratio Lower Upper
 64 100
 66 10.4 21.6 40.2#

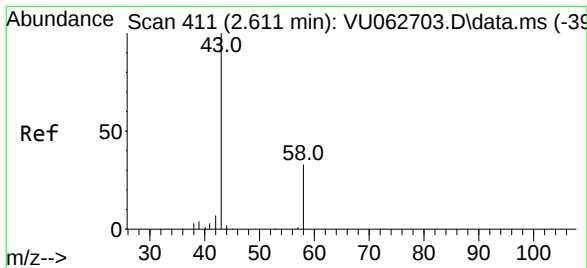
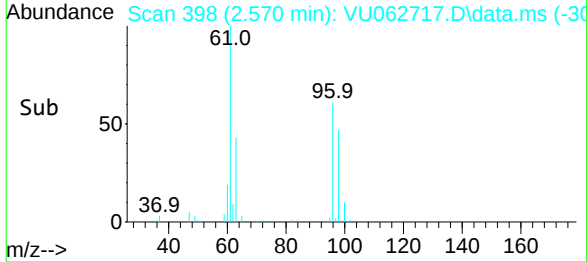
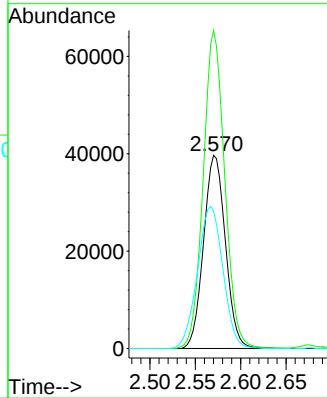
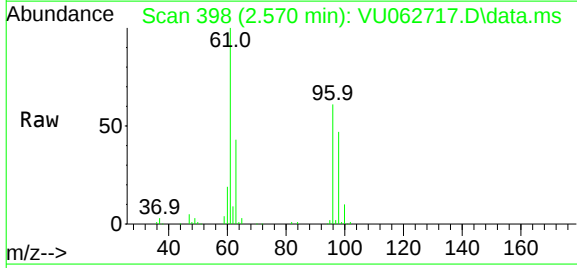




#12
1,1-Dichloroethene
Concen: 17.096 ug/L
RT: 2.570 min Scan# 39
Delta R.T. 0.000 min
Lab File: VU062717.D
Acq: 13 Jan 2025 15:09

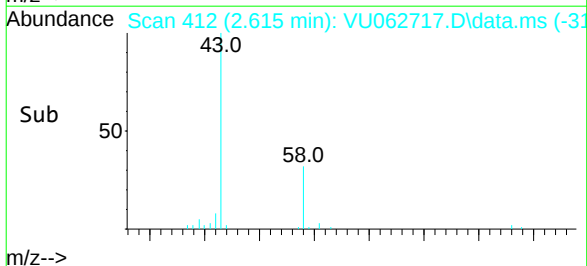
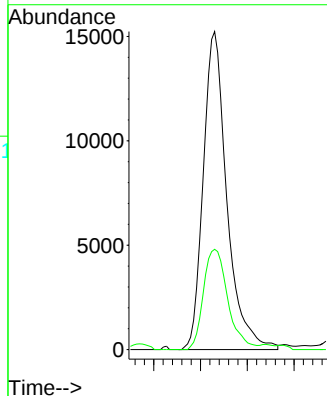
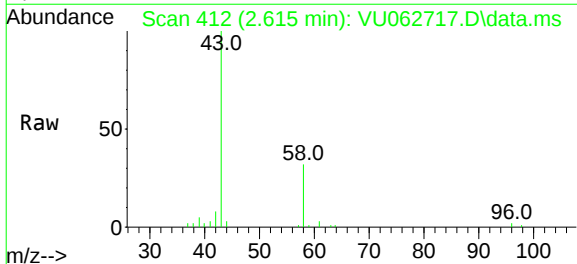
Instrument :
MSVOA_U
ClientSampleId :
BH8Z0

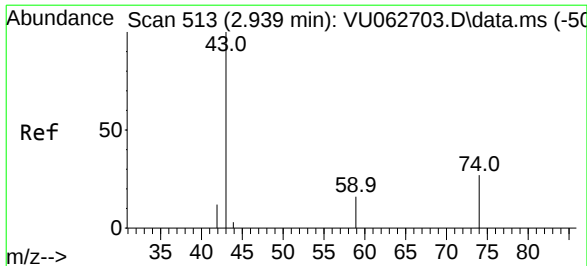
Tgt Ion: 96 Resp: 66495
Ion Ratio Lower Upper
96 100
61 164.6 120.4 223.6
63 71.0 82.3 152.9#



#13
Acetone
Concen: 47.542 ug/L
RT: 2.615 min Scan# 412
Delta R.T. 0.004 min
Lab File: VU062717.D
Acq: 13 Jan 2025 15:09

Tgt Ion: 43 Resp: 26711
Ion Ratio Lower Upper
43 100
58 32.6 0.0 64.4

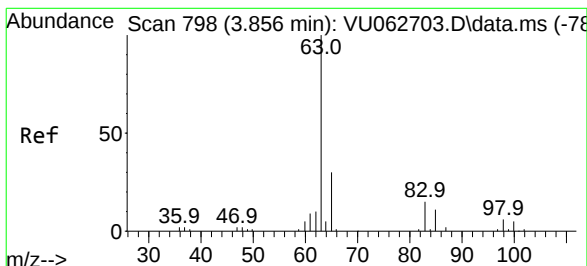
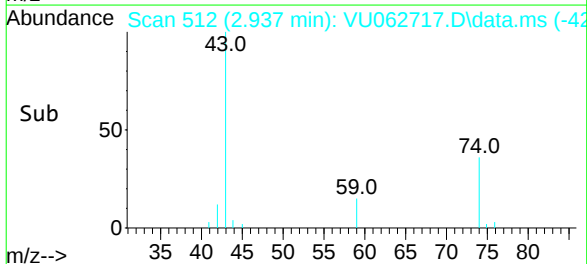
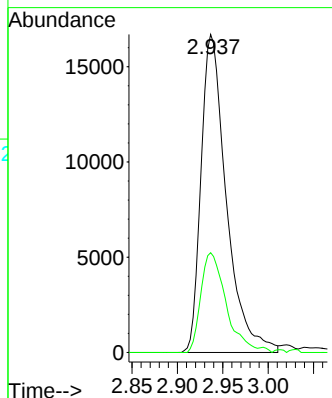
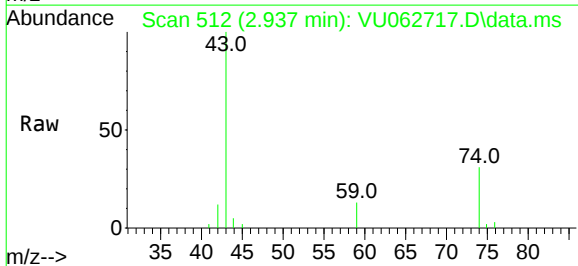




#15
Methyl Acetate
Concen: 26.625 ug/L
RT: 2.937 min Scan# 513
Delta R.T. -0.003 min
Lab File: VU062717.D
Acq: 13 Jan 2025 15:09

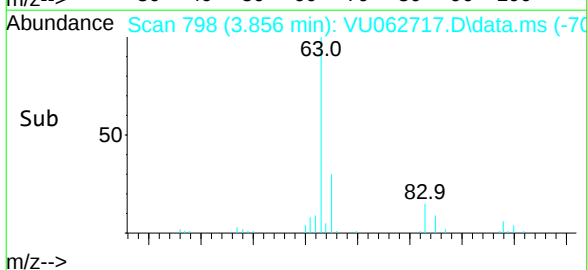
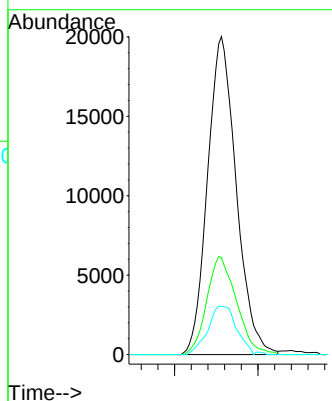
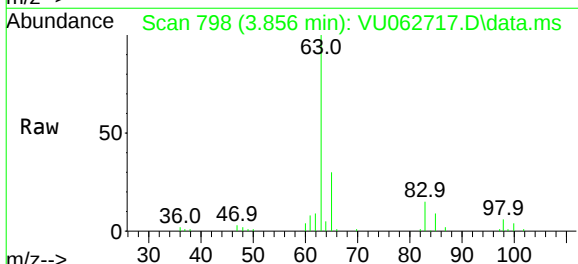
Instrument :
MSVOA_U
ClientSampleId :
BH8Z0

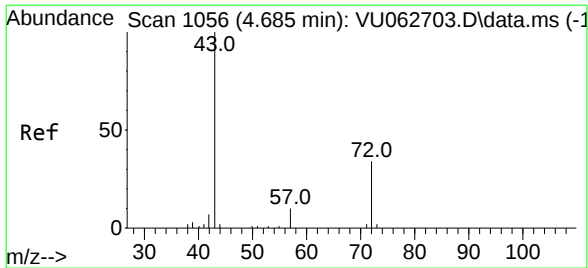
Tgt Ion: 43 Resp: 32389
Ion Ratio Lower Upper
43 100
74 31.0 24.4 36.6



#19
1,1-Dichloroethane
Concen: 6.421 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062717.D
Acq: 13 Jan 2025 15:09

Tgt Ion: 63 Resp: 47840
Ion Ratio Lower Upper
63 100
65 30.5 20.7 38.5
83 15.2 10.5 19.5

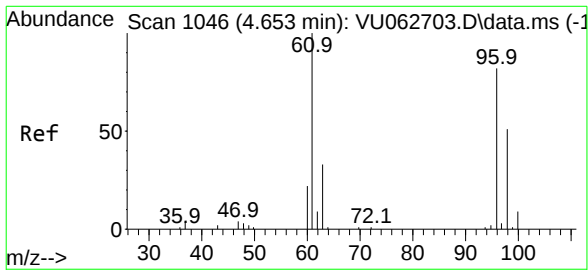
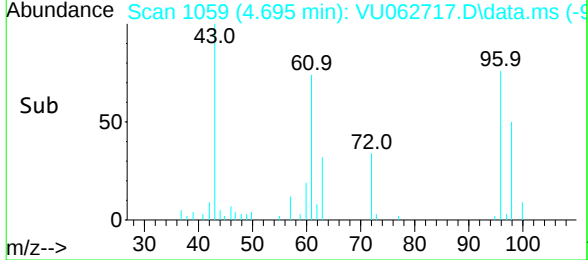
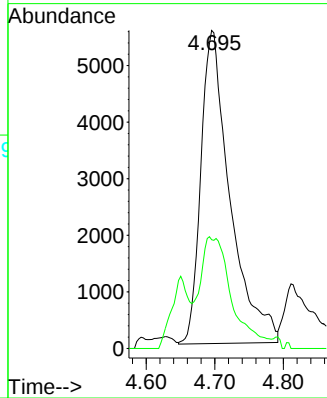
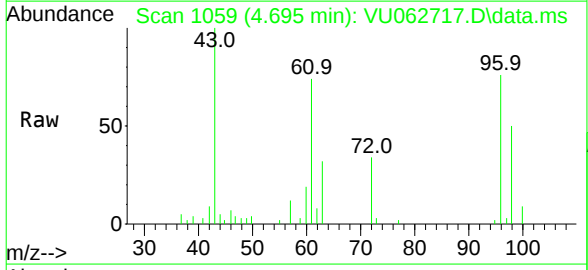




#21
2-Butanone
Concen: 21.883 ug/L
RT: 4.695 min Scan# 1056
Delta R.T. 0.010 min
Lab File: VU062717.D
Acq: 13 Jan 2025 15:09

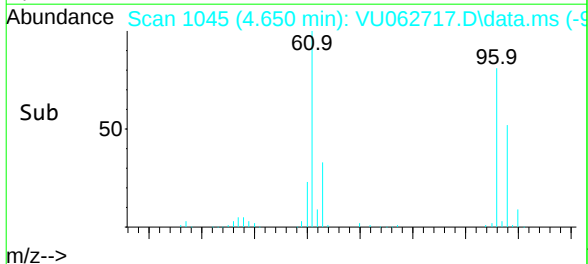
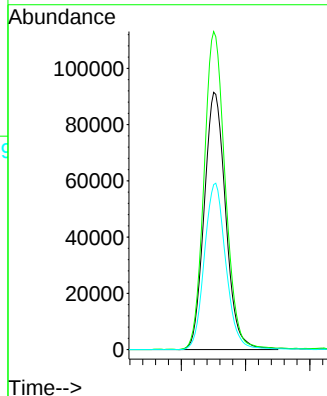
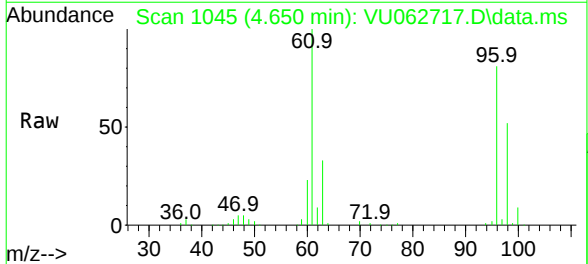
Instrument :
MSVOA_U
ClientSampleId :
BH8Z0

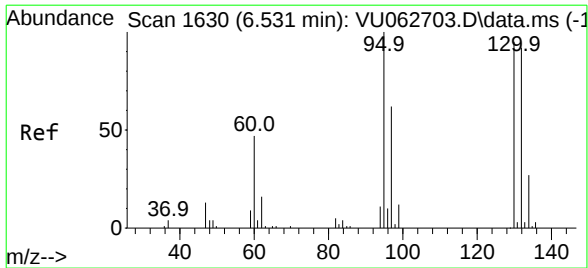
Tgt Ion: 43 Resp: 16374
Ion Ratio Lower Upper
43 100
72 38.9 17.1 51.2



#22
cis-1,2-Dichloroethene
Concen: 46.844 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062717.D
Acq: 13 Jan 2025 15:09

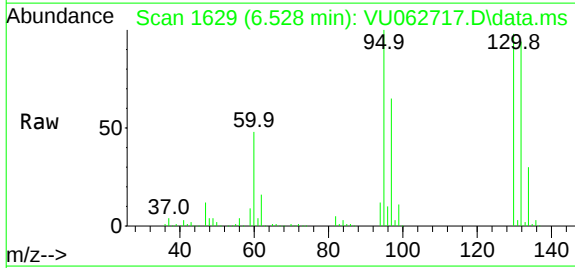
Tgt Ion: 96 Resp: 212576
Ion Ratio Lower Upper
96 100
61 123.6 84.8 157.6
98 64.1 43.1 80.1





#34
 Trichloroethene
 Concen: 108.263 ug/L
 RT: 6.528 min Scan# 16
 Delta R.T. -0.003 min
 Lab File: VU062717.D
 Acq: 13 Jan 2025 15:09

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	95	Resp:	601700
Ion	Ratio	Lower	Upper
95	100		
97	65.2	47.5	88.3
132	94.2	66.9	124.3
130	97.6	68.6	127.4

